I CLAIM:

1.  A method for evaluating and selecting channels comprising the steps of:

    receiving connection outcome results of previous call connections;

    generating a statistical analysis based at least in part, on the connection outcome results;

and

    assigning an incoming call to a channel based at least in part, on the statistical analysis.

2.  The method of claim 1, wherein a preferred channel is one which successfully connects calls, and wherein the step of assigning the incoming call to the channel, the incoming call is assigned to the preferred channel.

3.  The method of claim 1, wherein a non-preferred channel is one which fails to connect calls, and wherein the step of assigning the incoming call to the channel, the incoming call is not assigned to the non-preferred channel.

4.  The method of claim 1, further comprising the step of storing the connection outcome results in a buffer, the step of storing being performed after the step of receiving connection outcome results from previous call connections.

5.  The method of claim 4, wherein the buffer is a circular buffer.

6.  The method of claim 1, wherein the statistical analysis is a no weighting method.

7. The method of claim 1, wherein the statistical analysis is a time-weighted method.

8. The method of claim 1, wherein the statistical analysis is an asymmetrical weighting method wherein success receives one value, and failure receives another value.

9. The method of claim 1, further comprising the step of classifying the channel based at least in part, on the statistical analysis.

10. The method of claim 1, wherein the method is self adjusting with a preferred channel becoming non-preferred due to a failed call connect attempt on the preferred channel, and a non-preferred channel becoming preferred due to a successful call connect attempt on the non-preferred channel.

11. The method of claim 10, further comprising the step of indicating to a user a change in channel status.

12. The method of claim 1, further comprising the step of determining which channels are not currently in use.

13. The method of claim 1, further comprising the step of assigning the incoming call to the channel based, at least in part on which channels are currently not in use.

14.    The method of claim 1, further comprising assessing a failure to the channel upon an unsuccessful call connection through the channel.

15.    The method of claim 14, further comprising reassigning the incoming call to a next preferred available channel.

16.    An apparatus for maximizing call connect rate in a remote access application comprising in combination:

a channel evaluator operable to generate a statistical analysis based at least in part, on connection outcome results;

a storage buffer for storing the connection outcome results; and

a call router for routing incoming calls based on the statistical analysis.

17.    The apparatus of claim 16, wherein the channel evaluator classifies channels, at least in part on the statistical analysis generated from the previous call connect results.

18.    The apparatus of claim 16, wherein the channel evaluator determines which channels are available.

19.    The apparatus of claim 18, wherein the channel evaluator classifies channels, at least in part on the availability of a channel.

20.     The apparatus of claim 16, wherein incoming calls are assigned to channels, and

connected to the channels through the call router based at least in part, on the statistical analysis.